Jorge Coronel

List of Publications by Year in descending order

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38 papers	1,473 citations	430874 18 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	1814 citing authors

#	Article	IF	Citations
1	Microscopic-Observation Drug-Susceptibility Assay for the Diagnosis of TB. New England Journal of Medicine, 2006, 355, 1539-1550.	27.0	428
2	The 2021 WHO catalogue of Mycobacterium tuberculosis complex mutations associated with drug resistance: a genotypic analysis. Lancet Microbe, The, 2022, 3, e265-e273.	7.3	114
3	Transmission of Multidrug-Resistant and Drug-Susceptible Tuberculosis within Households: A Prospective Cohort Study. PLoS Medicine, 2015, 12, e1001843.	8.4	100
4	Urine lipoarabinomannan glycan in HIV-negative patients with pulmonary tuberculosis correlates with disease severity. Science Translational Medicine, 2017, 9, .	12.4	88
5	Genetic Diversity and Transmission Characteristics of Beijing Family Strains of Mycobacterium tuberculosis in Peru. PLoS ONE, 2012, 7, e49651.	2.5	74
6	Induced Sputum MMP-1, -3 & -8 Concentrations during Treatment of Tuberculosis. PLoS ONE, 2013, 8, e61333.	2.5	70
7	Prolonged Infectiousness of Tuberculosis Patients in a Directly Observed Therapy Shortâ€Course Program with Standardized Therapy. Clinical Infectious Diseases, 2010, 51, 371-378.	5.8	59
8	Can the power of mobile phones be used to improve tuberculosis diagnosis in developing countries?. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 638-640.	1.8	58
9	Dynamics of Cough Frequency in Adults Undergoing Treatment for Pulmonary Tuberculosis. Clinical Infectious Diseases, 2017, 64, 1174-1181.	5.8	46
10	Inter- and Intra-Assay Reproducibility of Microplate Alamar Blue Assay Results for Isoniazid, Rifampicin, Ethambutol, Streptomycin, Ciprofloxacin, and Capreomycin Drug Susceptibility Testing of Mycobacterium tuberculosis. Journal of Clinical Microbiology, 2008, 46, 3526-3529.	3.9	41
11	Investigating spillover of multidrug-resistant tuberculosis from a prison: a spatial and molecular epidemiological analysis. BMC Medicine, 2018, 16, 122.	5.5	39
12	Genomic signatures of pre-resistance in Mycobacterium tuberculosis. Nature Communications, 2021, 12, 7312.	12.8	33
13	Infrequent MODS TB culture cross-contamination in a high-burden resource-poor setting. Diagnostic Microbiology and Infectious Disease, 2006, 56, 35-43.	1.8	29
14	The Association between Mycobacterium Tuberculosis Genotype and Drug Resistance in Peru. PLoS ONE, 2015, 10, e0126271.	2.5	24
15	Microscopic Observation Drug Susceptibility Assay for Tuberculosis Screening before Isoniazid Preventive Therapy in HIVâ€Infected Persons. Clinical Infectious Diseases, 2010, 50, 988-996.	5.8	22
16	Development of Low-Cost Inverted Microscope to Detect Early Growth of Mycobacterium tuberculosis in MODS Culture. PLoS ONE, 2010, 5, e9577.	2.5	21
17	Protocol for studying cough frequency in people with pulmonary tuberculosis. BMJ Open, 2016, 6, e010365.	1.9	20
18	dfrA thyA Double Deletion in para -Aminosalicylic Acid-Resistant Mycobacterium tuberculosis Beijing Strains. Antimicrobial Agents and Chemotherapy, 2016, 60, 3864-3867.	3.2	20

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19	Convergent evolution and topologically disruptive polymorphisms among multidrug-resistant tuberculosis in Peru. PLoS ONE, 2017, 12, e0189838.	2.5	19
20	Second-line anti-tuberculosis drug concentrations for susceptibility testing in the MODS assay. European Respiratory Journal, 2013, 41, 1163-1171.	6.7	17
21	The MODS method for diagnosis of tuberculosis and multidrug resistant tuberculosis. Journal of Visualized Experiments, 2008, , .	0.3	15
22	Morphological Characterization of Mycobacterium tuberculosis in a MODS Culture for an Automatic Diagnostics through Pattern Recognition. PLoS ONE, 2013, 8, e82809.	2.5	14
23	A Field Evaluation of the Hardy TB MODS Kitâ„¢ for the Rapid Phenotypic Diagnosis of Tuberculosis and Multi-Drug Resistant Tuberculosis. PLoS ONE, 2014, 9, e107258.	2.5	14
24	Evaluation of bleach-sedimentation for sterilising and concentrating Mycobacterium tuberculosis in sputum specimens. BMC Infectious Diseases, 2011, 11, 269.	2.9	13
25	Cough Frequency During Treatment Associated With Baseline Cavitary Volume and Proximity to the Airway in Pulmonary TB. Chest, 2018, 153, 1358-1367.	0.8	13
26	Development of an automated MODS plate reader to detect early growth ofâ€,Mycobacterium tuberculosis. Journal of Microscopy, 2011, 242, 325-330.	1.8	12
27	A quantitative adaptation of the Wayne test for pyrazinamide resistance. Tuberculosis, 2016, 99, 41-46.	1.9	11
28	Minimum inhibitory concentration distributions for first- and second-line antimicrobials against Mycobacterium tuberculosis. Journal of Medical Microbiology, 2017, 66, 1023-1026.	1.8	10
29	Antimicrobial Susceptibilities and Serotype Distribution of Streptococcus pneumoniae Isolates from a Low Socioeconomic Area in Lima, Peru. Vaccine Journal, 2002, 9, 1328-1331.	3.1	9
30	Cough dynamics in adults receiving tuberculosis treatment. PLoS ONE, 2020, 15, e0231167.	2.5	8
31	Rationing tests for drug-resistant tuberculosis â€“ who are we prepared to miss?. BMC Medicine, 2016, 14, 30.	5.5	7
32	Solar Disinfection of MODS Mycobacterial Cultures in Resource-Poor Settings. PLoS ONE, 2007, 2, e1100.	2.5	5
33	Detecting Mutations in the Mycobacterium tuberculosis Pyrazinamidase Gene pncA to Improve Infection Control and Decrease Drug Resistance Rates in Human Immunodeficiency Virus Coinfection. American Journal of Tropical Medicine and Hygiene, 2016, 95, 1239-1246.	1.4	5
34	Phenylisoxazole-3/5-Carbaldehyde Isonicotinylhydrazone Derivatives: Synthesis, Characterization, and Antitubercular Activity. Journal of Chemistry, 2021, 2021, 1-14.	1.9	4
35	Evaluation of a lens-free imager to facilitate tuberculosis diagnostics in MODS. Tuberculosis, 2016, 97, 26-32.	1.9	3
36	Field and laboratory preparedness: challenges to rolling out new multidrug-resistant tuberculosis diagnostics. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2009, 26, 120-127.	1.1	3

#	Article	IF	Citations
37	Low-cost 3D-printed inverted microscope to detect Mycobacterium tuberculosis in a MODS culture. Tuberculosis, 2022, 132, 102158.	1.9	3
38	A case report of transmission and disease caused by Mycobacterium caprae and Mycobacterium bovis in Lima, Peru. BMC Infectious Diseases, 2021, 21, 1265.	2.9	2